

WE CLAIM
~~CLAIMS~~

1. A telecommunications system comprising an intelligent network (IN) for providing IN and non-IN services, and comprising a service creation environment function (SCEF), *in which* the SCEF is arranged to provide service logic for the IN for supporting both IN and non-IN services.

2. The telecommunications system of Claim 1 comprising a service control function (SCF), a service switching function (SSF) and a call control function (CCF), in which the system includes means for distributing the IN and non-IN service between the SCF, SSF and CCF.
3. The telecommunications system of Claim 1 comprising a service control function (SCF), a service switching function (SSF) and a call control function (CCF), in which the SCEF is arranged to provide the IN and non-IN service logic in the SCF, the SSF and the CCF.
4. The telecommunications system of Claim 1 comprising a service control function (SCF) and a service switching point (SSP), the SSP comprising a call control function (CCF) and a service switching function (SSF), in which the SCEF is arranged to provide the IN and non-IN service logic in the SCF, and in which the SSP is arranged to pass some or all protocol input messages received by the SSP to the SCF and some or all signalling messages originating in the SCF to the CCF.

5. The telecommunications system of Claim 4 in which the SCF is arranged to perform some or all of the functions previously performed by the service switching function (SSF) and the call control function (CCF).

- Claim 1*
 6. The telecommunications system of ~~any one of the above claims~~ in which the SCEF is also arranged to provide data structures for both IN and non-IN telecommunications services.

- Claim 2*
 7. The telecommunications system of ~~any one of Claims 2 to 6~~ in which the SCEF is also arranged to provide data structures in the CCF.

8. The telecommunications system of Claim 1 also comprising a call control function (CCF), in which the SCEF is also arranged to provide data structures in the CCF.

9. The telecommunications system of Claim 1 also comprising a call control function (CCF) arranged to allow loading of data structures in the CCF from the service management function (SMF).

- Claim 7*
 10. The telecommunications system of ~~any one of Claims 7 to 9~~ in which the data structures comprise data structures for both IN and non-IN telecommunications services.

- ~~11. The telecommunications system of any of Claims 7 to 10 also comprising a~~

Claim 7

11. The telecommunications system of ~~any of Claims 7 to 10~~ also comprising a service data function (SDF), in which the CCF is arranged to access the SDF directly for service data.
12. The telecommunications system of Claim 4 in which the SCEF is arranged to ~~support the definition of messages, operation and parameters for transfer between~~ the SCF and the CCF.
13. A telecommunications system comprising an intelligent network (IN) for providing IN and non-IN services, and comprising a service creation environment function (SCEF), ~~characterised in that~~ *in which* the SCEF is arranged to provide data structures for the IN for supporting both IN and non-IN services.